A1 (SEQ ID NO:8), and alpha E (SEQ ID NO:9)). In this alignment, the invariant Ile (I316) is indicated by an arrow.

Replace the paragraph beginning at page 6, line 28, with the following rewritten paragraph:

Figure 7 is an alignment of the A-like domains of eight integrin β subunits (b3 (SEQ ID NO:10), b5 (SEQ ID NO:11), b6 (SEQ ID NO:12), b1 (SEQ ID NO:13), b2 (SEQ ID NO:14), b7 (SEQ ID NO:15), b8 (SEQ ID NO:16), and b4 (SEQ ID NO:17)). In this alignment, the residue corresponding to the invariant Ile in β subunits is indicated by an arrow.

A2

Replace the paragraph beginning at page 7, line 13, with the following rewritten paragraph:

The variant polypeptides were created using standard recombinant techniques. Restriction and modification enzymes were purchased from New England Biolabs, Inc. (Beverly, MA), Boehringer Mannheim (Germany), or GIBCO BRL (Gaithersburd, MD). Site-directed mutagenesis was carried out in pGEX-4T-1 vector as described (Rieu et al. 1996 *J Biol Chem* 271:15858). The following mutagenic primers were used. IFAdel Fwd: 5'-TATAGGATCCGAGGCCCTCCGAGGGAGTCCTCAAGAGGATAG-3' (SEQ ID NO:18); Reverse: 5'-CTACTCGAGTTACTTCTCCCGAAGCTGGTTCTGAATGGTC-3' (SEQ ID NO:19); I-G reverse: 5'- CTACTCGAGTTAACCCTCGATCGCAAAGCCCTTCTC-3' (SEQ ID NO:20). Introduction of the respective mutation was confirmed by direct DNA sequencing. The PvuI-BspEI-restricted cDNA fragment of the A-domain containing the mutation was subcloned into the PvuI-BspEI-restricted CD11b cDNA, cloned into pcDNA3 plasmid, which containing full-length human CD11b (Rieu et al. 1996 *J Biol Chem* 271:15858). 11b $A^{123-321}$ and $11bA^{123-315}$ and $11bA^{I\rightarrow G}$ A-domains were expressed as GST fusion proteins in *Escherichia coli* (Michishita et al. 1993 Cell 72:857), cleaved with thrombin and purified as described Li et al. 1999 *J. Cell Biol* 143:1523. C^{129} was replaced by S in all the expressed GST-A-domain fusion form to prevent formation of disulfide-linked dimmers in solution after thrombin cleavage (not shown). Purity was confirmed by SDS-PAGE analysis.

A3